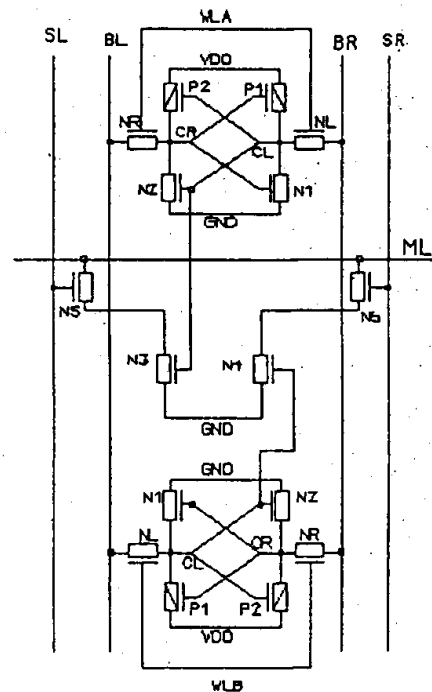


## Figures

Fig. 1A  
CAM cell schematics  
NFET passgate

CELLA	CELLB	
0	0	DON'T CARE
0	1	ZERO
1	0	ONE
1	1	MATCH



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Fig. 1B

CAM Cell with NFET Passgates  
3.1x3.1=9.61 0.13um Node

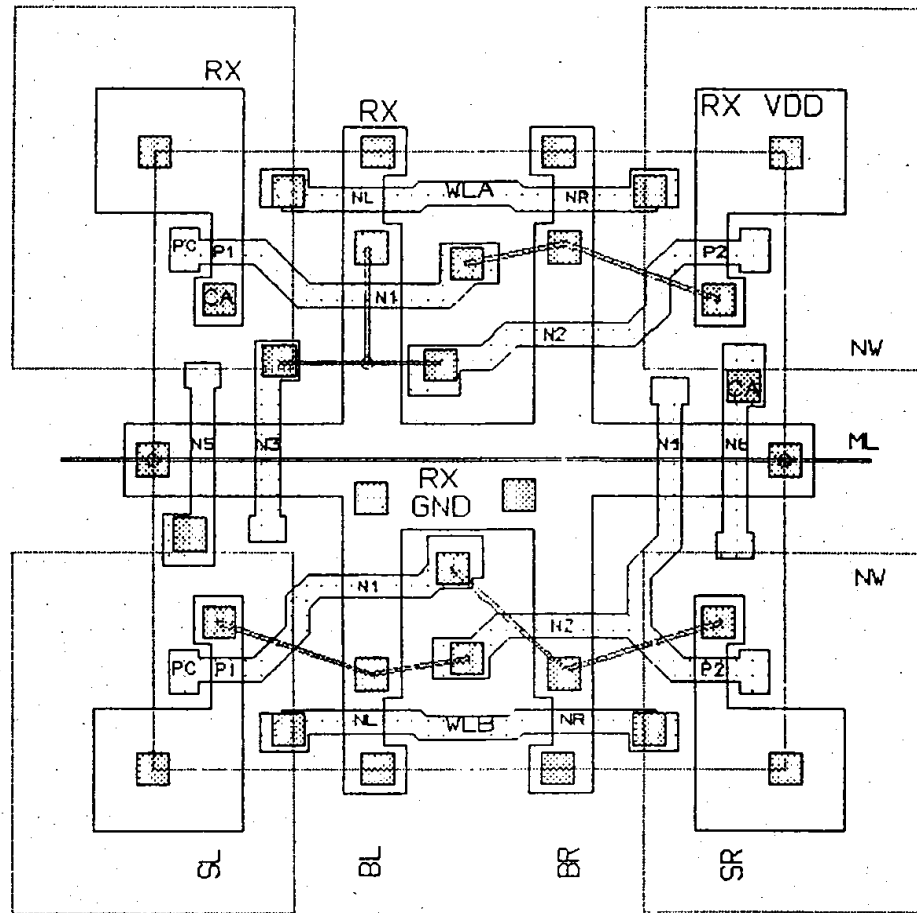
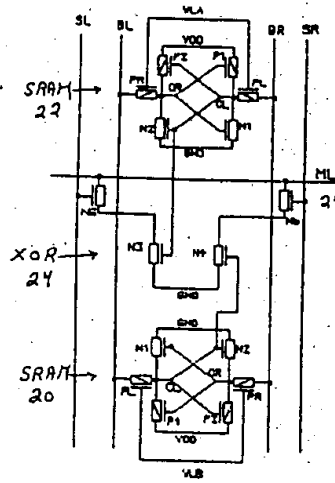


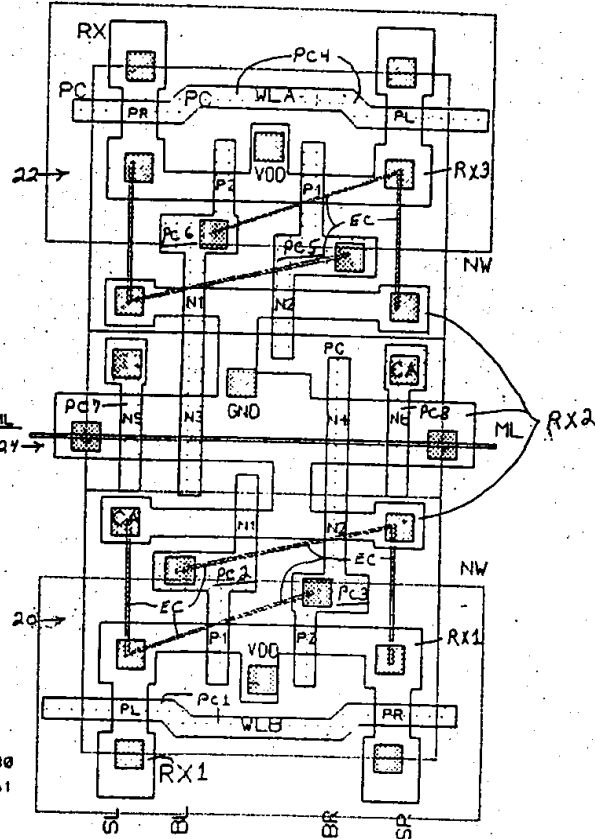
Fig. 2A  
PFET passgate  
CAM cell schematics

CELLA	CELLB	
0	0	DON'T CARE
0	1	ZERO
1	0	ONE
1	1	WTF



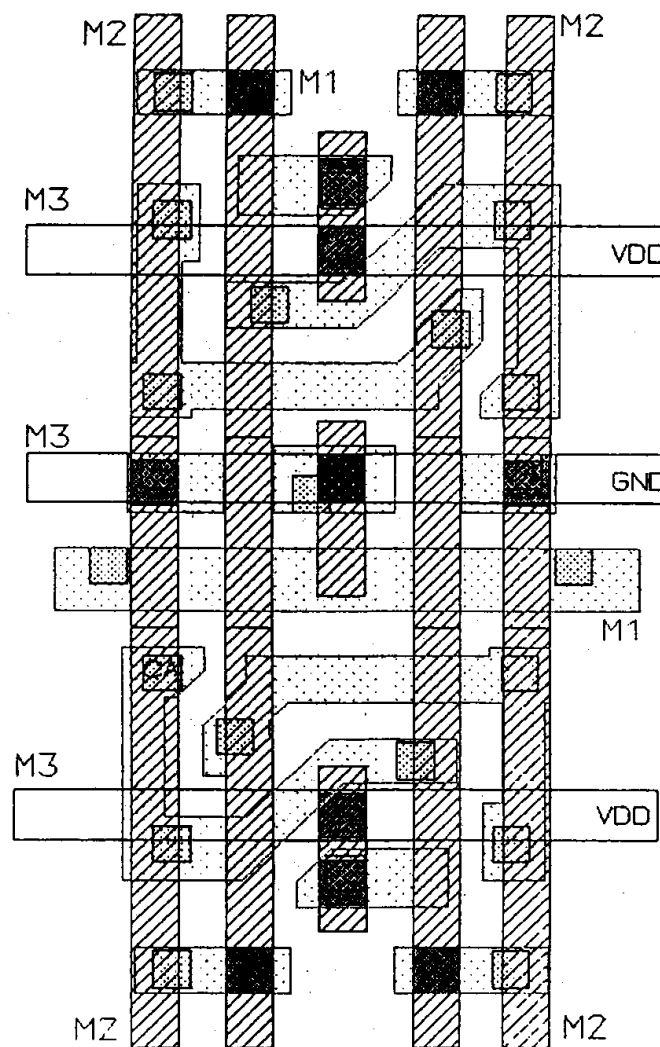
P-passgate CAM 2.8x3.9=7.88  
N-passgate CAM 3.1x3.1=9.61

Fig. 2B  
CAM Cell with PFET Passgates  
2.8x3.9=7.8



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Fig. 2C  
CAM Cell with PFET Passgates  
Viring : CA-M1-V1-M2-V2-M3



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Fig. 2D  
CAM Cell with PFET Passgates  
Dimensions @ 0.13 um node

